

DEVICE FOR CONTROLLING THYRISTORS OF STATIC CONVERTER

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Inventor(s): SHEVCHUK SERGEJ N (SU); KIRIENKO VLADIMIR P (SU); STRELKOV VLADIMIR F (SU)

Applicant(s):: SHEVCHUK SERGEJ N (SU); KIRIENKO VLADIMIR P (SU); STRELKOV VLADIMIR F (SU)

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Abstract

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Thyristors control device provides two pulses per period mutually shifted by 180 el. deg. since when the 'plus' is applied to the central point of the transformer secondary and the 'minus' to a common point of the elements in the phase-shifting bridge, one capacitor (7) charges and the other (6) discharges, giving rise to a pulse with a steep leading edge across a resistor (12), and then across resistor (13) when the polarity is reversed.

USE/ADVANTAGE - Converter engineering i.e. controlling static converters thyristors. Improved synchronism of pulse shaping and better efficiency. Bul.30/15.8.88.

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